AMENDMENTS TO THE CLAIMS:

Please amend claims 6, 7, 8, 9, 12, 17, 18, 19 and 20.

The listing of claims will replace all prior versions, and listings of claims in the application:

LISTING OF THE CLAIMS

1. (Currently Amended) A set of targets for testing spatial frequency and contrast sensitivity comprising:

a) a plurality of at least four targets, each of said plurality of targets including a grating of parallel aligned light and dark areas with brightness varying in a sinusoidal fashion having a spatial frequency and a contrast level; and

b) each of said plurality of targets having a unique combination of spatial frequency, contrast level and grating orientation relative to at least three of the targets where the grating orientation is either vertical, horizontal or at an angle thereto.

2. (Original) The set of targets of claim 1 wherein the angle is 45°.

3. (Original) The set of targets of claim 1 wherein the angle is 30°.

4. (Currently Amended) A sinusoidal bull's eye target for testing spatial frequency and contrast sensitivity comprising concentric circular light and dark areas with brightness varying in a sinusoidal fashion and having a spatial frequency and a contrast level, the light and dark areas being substantially uniform over a circumference thereof.

5. (Original) A set of targets for testing spatial frequency and contrast sensitivity comprising:

a) a plurality of sinusoidal bull's eye targets, each featuring concentric circular light and dark areas with brightness varying in a sinusoidal fashion; and

b) each of said plurality of sinusoidal bull's eye targets having a unique combination of spatial frequency and contrast level.

6. (Currently Amended) A ~~fundamental~~ sinusoidal optotype target for testing spatial frequency and contrast sensitivity comprising an optotype constructed from a plurality of strokes, where each of said strokes features a width equal to ~~is~~ a single sinusoidal period and a length that is a multiple of the width.

7. (Currently Amended) The ~~fundamental~~ sinusoidal optotype target of claim 6 wherein the optotype is a letter.

8. (Currently Amended) The ~~fundamental~~ sinusoidal optotype target of claim 6 wherein the optotype features a width and a length that are equal to each other and five times the stroke width.

9. (Currently Amended) A set of targets for testing spatial frequency and contrast sensitivity comprising:

a) a plurality of ~~fundamental sinusoidal optotype~~ targets, each featuring an optotype constructed from a plurality of strokes where each of the strokes features a width equal to a single sinusoidal period and a length that is a multiple of the width; and

b) each of said plurality of ~~fundamental~~ sinusoidal optotype targets having a unique combination of spatial frequency and contrast level.

10. (Original) The set of targets of claim 9 wherein each of the optotypes is a letter.

11. (Original) The set of targets of claim 9 wherein each of the optotypes features a width and a height that are equal to each other and five times the stroke width.

12. (Currently Amended) A method of testing spatial frequency and contrast sensitivity comprising the steps of:

a) providing a plurality of at least four targets, each of said plurality of targets including a grating of parallel aligned light and dark areas with brightness varying in a sinusoidal fashion having a spatial frequency and a contrast level and each of said plurality of targets having a unique combination of spatial frequency, contrast level and grating orientation where the grating orientation is either vertical, horizontal or at an angle thereto;

b) presenting a first one of said plurality of targets to a patient; and

c) presenting a second one of said plurality of targets to a patient, said second one of said plurality of targets having a grating orientation that is 90° from the grating orientation of the first target.

13. (Original) The method of claim 12 wherein the angle of step a) is 45°.

14. (Original) The method of claim 12 wherein the angle of step a) is 30°.

15. (Original) The method of claim 12 wherein the second one of said plurality of targets of step c) has the same spatial frequency as the first target but a different contrast level.

16. (Original) The method of claim 12 wherein the second one of said plurality of targets of step c) has the same spatial frequency and contrast level as the first target.

17. (Currently Amended) A method of testing spatial frequency and contrast sensitivity comprising the steps of:

a) providing a ~~plurality of~~ sinusoidal bull's eye targets ~~s~~ having concentric circular light and dark areas with brightness varying in a sinusoidal fashion, the light and dark areas being substantially uniform over a circumference thereof, and each of said targets having a unique combination of spatial frequency and contrast level;

b) providing a control;

c) displaying ~~one of~~ said sinusoidal bull's eye targets to a patient;

d) asking the patient if ~~he~~the patient sees the sinusoidal bull's eye target;

e) displaying the control; and

f) asking the patient if ~~he~~the patient sees the sinusoidal bull's eye target.

18. (Currently Amended) A method of testing spatial frequency and contrast sensitivity comprising the steps of:

a) providing a plurality of sinusoidal bull's eye targets having concentric circular light and dark areas with brightness varying in a sinusoidal fashion, the light and dark areas being substantially uniform over a circumference thereof, and each of said targets having a unique combination of spatial frequency and contrast level;

b) displaying a first one of said plurality of sinusoidal bull's eye targets to a patient;

c) asking the patient if ~~he~~the patient sees the sinusoidal bull's eye target;

d) displaying a second one of said plurality of sinusoidal bull's eye targets to the patient, the second target having a lower contrast level than the first target; and

e) asking the patient if ~~he~~the patient sees the sinusoidal bull's eye target.

19. (Currently Amended) A method of testing spatial frequency and contrast sensitivity comprising the steps of:

a) providing a plurality of sinusoidal bull's eye targets having concentric circular light and dark areas with brightness varying in a sinusoidal fashion, the light and dark areas being substantially uniform over a circumference thereof, and each of said targets having a unique combination of spatial frequency and contrast level;

b) displaying a first one of said plurality of sinusoidal bull's eye targets to a patient;

c) asking the patient if ~~he~~the patient sees the sinusoidal bull's eye target;

d) displaying a second one of said plurality of sinusoidal bull's eye targets to the patient, the second target having a spatial frequency that is different from the first target; and

e) asking the patient if ~~he~~the patient sees the sinusoidal bull's eye target.

20. (Currently Amended) A method of testing spatial frequency and contrast sensitivity comprising the steps of:

a) providing a plurality of ~~fundamental~~ sinusoidal optotype targets, each featuring an optotype constructed from a plurality of strokes where each of the strokes features a width equal to a single sinusoidal period and a length that is a multiple of the width;

b) displaying one of said ~~fundamental~~ sinusoidal optotype targets to a patient;

c) asking the patient if ~~he~~the patient sees the ~~fundamental~~ sinusoidal optotype target

d) displaying a second one of said ~~fundamental~~ sinusoidal optotype targets to the patient, the second target having a lower contrast level than the first target; and

e) asking the patient to "name" the ~~fundamental~~ sinusoidal optotype target.

21. (New) The sinusoidal bull's eye target of claim 4 wherein the sinusoid is rotated around a peak.

22. (New) The sinusoidal bull's eye target of claim 4 wherein the sinusoid is rotated around a valley.